

## ABSTRACT OF THE DISCLOSURE

A differential response light-receiving device comprising: a semiconductor electrode comprising an electrically conductive layer and a photosensitive layer containing a semiconductor sensitized by a dye; an ion-  
5 conductive electrolyte layer; and a counter electrode, the differential response light-receiving device making time-differential response to quantity of light to output a photoelectric current. A composite light-receiving device comprising the differential response light-receiving device and a stationary response light-  
10 receiving device or the composite light-receiving device are also provided.